

KACHEMAK BAY CAMPUS PRESENTS



MARITIME TECHNOLOGY FALL 2020

LOOK FOR COASTAL NAVIGATION IN THE SPRING

Learn essential boating skills to safely explore Kachemak Bay. Covers safety, navigation, anchoring, rules of the road, charting and basic seamanship.

COMPUTER DESIGN: MARINE TECHNOLOGY

Instructor: Brad Conley of BAY WELDING SERVICES
Tuesday & Thursday, 8 - 9 pm
October 13 & 15

An introduction into Computer Assisted Drafting (CAD) with cutting-edge design software Rhino 3D. This course covers how and why it is used for design, conceptual work and manufacturing, specifically in the marine industry as well as basic software navigation, commands, and design. Classes take place in the KBC computer lab. Sponsored by Bay Welding and Homer Marine Trades Association

FEE: \$49

DECKHAND SKILLS

Coming in Spring 2020

Learn practical job skills for becoming a deckhand on any vessel. Includes safety, survival skills, line handling, knots, gear, basic navigation, crew roles, helm, wheelhouse expectations and more.

REGISTRATION DEADLINE 10/12

FEE: \$95

US COAST GUARD ABLE SEAMAN

Postponed until Spring. If you need this class sooner, contact the Marine Tech Coordinator for alternatives 235-1622

This is a USCG-approved 40 hour course for those that have sea time and would like to obtain the ABLE SEAMAN Merchant Mariner Credential. Fisherman are welcome. Upon completion of this course and passing an exam - you will receive a course completion certificate in lieu of Coast Guard examination. Topics include Navigation, Rules of the Road, Safety, Marlinespike Seamanship, etc. You may have more qualifying sea time than you think. Verify eligibility before enrolling. Contact KBC Marine Tech Coordinator at 907-235-1622

FEE: \$500

MARINE ELECTRONICS

Instructor: Mark Zelsel
TBD

Basic troubleshooting and theory of direct current systems on vessels. Topics include electrical terms and definitions, safety codes, basic diagrams, battery types and application, marine wiring and more. Includes use of vessel simulator

FEE: \$30

US COAST GUARD MASTER 100 TON/OUVP

Instructor: Victoria Wilson Winne
Fridays 5-9 pm, Saturdays and Sundays 8:30 am - 5:30 pm
November 13 - December 13

This US Coast Guard-approved course is for those with enough sea time to earn a 100 ton USCG license or an Operator of Uninspected Passenger Vessel license. The exam will be administered upon completion of the course. Full attendance is mandatory. Upon passing the exam a certificate will be issued which the USCG will accept in lieu of taking their exam. You may have more qualifying sea time than you think. Verify eligibility before enrolling. Contact KBC Marine Tech Coordinator at 907-235-1622

FEE: \$700

BASICS OF DC ELECTRICITY FOR VESSELS

Coming in Spring 2020

Basic troubleshooting and theory of direct current systems on vessels. Topics include electrical terms and definitions, safety codes, fundamental diagrams, battery types and application, marine wiring and more. Includes use of vessel simulator

FEE: \$175

MARINE VESSEL SYSTEMS

Coming in Spring 2020

Focus on what is underneath the deck and examine major vessel systems, including diesel, electrical and hydraulics. Includes hands on use of a vessel systems trainer.

FEE: \$45

REFRIGERATION BASICS FOR THE MARINE INDUSTRY

Coming in Spring 2020

Learn operation, maintenance, and troubleshooting techniques of refrigerated seawater (RSW) systems. Covers refrigeration fundamentals, refrigeration and RSW safety, benefits, and refrigeration terminology, system theory, and system configurations. Learn how to winterize and de-winterize an RSW system and some systematic troubleshooting techniques.

FEE \$380

All dates and times subject to change due to Covid 19

ADVANCE REGISTRATION REQUIRED
Call 235-7743 or visit <https://kbcnoncredit.asapconnected.com>

Class delivery methods may be affected by Covid 19 protocols

UA is an AA/EO employer and educational institution and prohibits illegal discrimination against any individual: www.alaska.edu/nondiscrimination